

UniCat Colloquium

PROF. DR. HEIKO MÖLLER

University of Potsdam, Institute of Chemistry

Detailed insight into Structures, Interactions and Catalysis from NMR Spectroscopy

Besides X-ray crystallography, NMR spectroscopy is one important method for determining high-resolution 3D structures of biopolymers. However, NMR's capacity to provide information on dynamics and molecular interactions may be even more relevant to today's research as NMR is very often the only technique to shed light on these aspects at close to atomic resolution.

I will present examples of our research focusing on biomolecular interactions in a number of scenarios - Protein-Protein, Protein-Nucleic Acid, and Protein-Small molecule interactions, respectively – several of which are relevant for enzymatic catalysis. In addition, I will make a short excursion into what NMR can reveal about metalorganic catalysis of olefin polymerization.

Wednesday, December 14, 2016 at 5:15 PM

TU Berlin, Institute of Chemistry
Straße des 17. Juni 115, 10623 Berlin

Building C, Lecture Hall **C 264**

Prof. Dr. Wollenberger (UP)

Organizer

Coffee and cake will be served 30 minutes before the lecture. Guests are cordially invited to attend!
Prof. Dr. Matthias Driess - Chair of the Cluster of Excellence UniCat - www.unicat.tu-berlin.de

